

Sioux County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
1B3: IDA SILT LOAM, 2 TO 5 PERCENT SLOPES, SEVERELY ERODED	IDA	No	---	---	---	---	---	1,075
1C3: IDA SILT LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	IDA	No	---	---	---	---	---	4,964
	BOLAN	No	---	---	---	---	---	261
1D3: IDA SILT LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	IDA	No	---	---	---	---	---	2,570
	BOLAN	No	---	---	---	---	---	135
8B: JUDSON SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	JUDSON	No	---	---	---	---	---	6,555
	RADFORD	No	---	---	---	---	---	345
11B: RADFORD-JUDSON COMPLEX, 0 TO 5 PERCENT SLOPES	RADFORD	No	---	---	---	---	---	4,958
	JUDSON	No	---	---	---	---	---	3,470
	OTHER	Yes	flood plain	2B3	YES	NO	NO	1,487
26: KENNEBEC SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	KENNEBEC	No	---	---	---	---	---	1,796
	OTHER	Yes	flood plain	2B3	YES	NO	NO	94
27B: TERRIL LOAM, 2 TO 5 PERCENT SLOPES	TERRIL	No	---	---	---	---	---	1,629
	JUDSON	No	---	---	---	---	---	90
	SPILLVILLE	No	---	---	---	---	---	90
28B: DICKMAN SANDY LOAM, 2 TO 5 PERCENT SLOPES	DICKMAN	No	---	---	---	---	---	652
	OCHEYEDAN	No	---	---	---	---	---	36
28C2: DICKMAN SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	DICKMAN	No	---	---	---	---	---	831
	OCHEYEDAN	No	---	---	---	---	---	44

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28D2: DICKMAN SANDY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	DICKMAN	No	---	---	---	---	---	290
	OCHEYEDAN	No	---	---	---	---	---	15
31: AFTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	AFTON	Yes	depression	2B3	YES	NO	NO	7,600
	PRIMGHAR	No	---	---	---	---	---	400
32: SPICER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	SPICER	Yes	depression	2B3	YES	NO	NO	598
	DEPRESSIONS	Yes	depression	2B3,3	YES	NO	YES	32
33C2: STEINAUER CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	STEINAUER	No	---	---	---	---	---	355
33D2: STEINAUER CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	STEINAUER	No	---	---	---	---	---	680
33E2: STEINAUER CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	STEINAUER	No	---	---	---	---	---	651
	MOODY	No	---	---	---	---	---	34
33G: STEINAUER CLAY LOAM, 18 TO 40 PERCENT SLOPES	STEINAUER	No	---	---	---	---	---	2,394
	MOODY	No	---	---	---	---	---	126
54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	306
	CYLINDER	No	---	---	---	---	---	17
	ESTHERVILLE	No	---	---	---	---	---	17
72: ESTHERVILLE LOAM, 0 TO 2 PERCENT SLOPES	ESTHERVILLE	No	---	---	---	---	---	165
72B: ESTHERVILLE LOAM, 2 TO 5 PERCENT SLOPES	ESTHERVILLE	No	---	---	---	---	---	370
72D2: ESTHERVILLE LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	ESTHERVILLE	No	---	---	---	---	---	555

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
78B2: SAC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	SAC	No	---	---	---	---	---	910
78C2: SAC SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	SAC	No	---	---	---	---	---	1,630
78D2: SAC SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SAC	No	---	---	---	---	---	418
	STEINAUER	No	---	---	---	---	---	22
91: PRIMGHAR SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	PRIMGHAR	No	---	---	---	---	---	38,043
	MARCUS	Yes	depression	2B3	YES	NO	NO	2,002
91B: PRIMGHAR SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	PRIMGHAR	No	---	---	---	---	---	26,092
	OTHER	Yes	depression	2B3	YES	NO	NO	1,373
92: MARCUS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MARCUS	Yes	ridge	2B3	YES	NO	NO	12,094
	PRIMGHAR	Yes	ridge	2B3	YES	NO	NO	636
108: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT	WADENA	No	---	---	---	---	---	2,384
	GRACEVILLE	No	---	---	---	---	---	126
108B: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT	WADENA	No	---	---	---	---	---	600
116: GRACEVILLE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	GRACEVILLE	No	---	---	---	---	---	3,021
	WADENA	No	---	---	---	---	---	159
133: COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	18,027
	KENNEBEC	No	---	---	---	---	---	1,002

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	ZOOK	Yes	flood plain	2B3	YES	NO	NO	1,002
203: CYLINDER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	No	---	---	---	---	---	466
	BISCAY	Yes	terrace	2B3	YES	NO	NO	24
259: BISCAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT	BISCAY	Yes	terrace	2B3	YES	NO	NO	522
	CYLINDER	No	---	---	---	---	---	28
308: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT	WADENA	No	---	---	---	---	---	3,750
308B: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT	WADENA	No	---	---	---	---	---	420
309: ALLENDORF SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ALLENDORF	No	---	---	---	---	---	755
	ESTHERVILLE	No	---	---	---	---	---	40
309B: ALLENDORF SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	ALLENDORF	No	---	---	---	---	---	408
	ESTHERVILLE	No	---	---	---	---	---	22
309B2: ALLENDORF SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	ALLENDORF	No	---	---	---	---	---	300
309C2: ALLENDORF SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ALLENDORF	No	---	---	---	---	---	300
310: GALVA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	GALVA	No	---	---	---	---	---	19,475
310B: GALVA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	GALVA	No	---	---	---	---	---	67,464

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	PRIMGHAR	No	---	---	---	---	---	3,551
310B2: GALVA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	GALVA	No	---	---	---	---	---	108,900
310C2: GALVA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	GALVA	No	---	---	---	---	---	32,889
	IDA	No	---	---	---	---	---	1,731
310D2: GALVA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GALVA	No	---	---	---	---	---	729
	IDA	No	---	---	---	---	---	40
	JUDSON	No	---	---	---	---	---	40
401B3: CROFTON SILT LOAM, 2 TO 5 PERCENT SLOPES, SEVERELY ERODED	CROFTON	No	---	---	---	---	---	260
401C3: CROFTON SILT LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	CROFTON	No	---	---	---	---	---	830
401D3: CROFTON SILT LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	CROFTON	No	---	---	---	---	---	960
401E3: CROFTON SILT LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	CROFTON	No	---	---	---	---	---	145
410: MOODY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MOODY	No	---	---	---	---	---	435
410B: MOODY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	MOODY	No	---	---	---	---	---	2,565
410B2: MOODY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	MOODY	No	---	---	---	---	---	9,695
410C2: MOODY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	MOODY	No	---	---	---	---	---	5,406

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	CROFTON	No	---	---	---	---	---	284
410D2: MOODY SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	MOODY	No	---	---	---	---	---	225
	CROFTON	No	---	---	---	---	---	12
	JUDSON	No	---	---	---	---	---	12
428B: ELY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	ELY	No	---	---	---	---	---	5,838
	OTHER	Yes	flood plain	2B3	YES	NO	NO	307
467: RADFORD SILT LOAM, 0 TO 2 PERCENT SLOPES	RADFORD	No	---	---	---	---	---	13,732
	COLO	Yes	flood plain	2B3	YES	NO	NO	723
474: BOLAN LOAM, 0 TO 2 PERCENT SLOPES	BOLAN	No	---	---	---	---	---	485
474B: BOLAN LOAM, 2 TO 5 PERCENT SLOPES	BOLAN	No	---	---	---	---	---	1,563
	ESTHERVILLE	No	---	---	---	---	---	82
474B2: BOLAN LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	BOLAN	No	---	---	---	---	---	670
	ESTHERVILLE	No	---	---	---	---	---	35
474C2: BOLAN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	BOLAN	No	---	---	---	---	---	940
	OCHEYEDAN	No	---	---	---	---	---	50
474D2: BOLAN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	BOLAN	No	---	---	---	---	---	385
	OCHEYEDAN	No	---	---	---	---	---	20
485: SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	3,330
	OTHER	Yes	flood plain	2B3	YES	NO	NO	175
486: DAVIS LOAM, 0 TO 2 PERCENT SLOPES	DAVIS	No	---	---	---	---	---	4,270

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615: COLO-SPILLVILLE COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	225
	COLO	Yes	flood plain	2B3,4	YES	YES	NO	390
	SPILLVILLE	No	---	---	---	---	---	228
	OTHER	Yes	oxbow	3,2B3	YES	NO	YES	32
670: RAWLES SILT LOAM, 0 TO 2 PERCENT SLOPES	RAWLES	No	---	---	---	---	---	831
	OTHER	Yes	flood plain	2B3	YES	NO	NO	44
733: CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	CALCO	Yes	flood plain	2B3	YES	NO	NO	4,755
	SPILLCO	No	---	---	---	---	---	250
785: SPILLCO LOAM, 0 TO 2 PERCENT SLOPES	SPILLCO	No	---	---	---	---	---	694
	OTHER	Yes	flood plain	2B3	YES	NO	NO	36
801B2: BOLAN VARIANT LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	BOLAN VARIANT	No	---	---	---	---	---	218
	IDA	No	---	---	---	---	---	12
801C2: BOLAN VARIANT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	BOLAN VARIANT	No	---	---	---	---	---	914
	IDA	No	---	---	---	---	---	51
	LOAMY SAND	No	---	---	---	---	---	51
801D2: BOLAN VARIANT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	BOLAN VARIANT	No	---	---	---	---	---	600
801F: BOLAN VARIANT LOAM, 14 TO 25 PERCENT SLOPES, BOULDERY	BOLAN VARIANT	No	---	---	---	---	---	135
810: GALVA SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	GALVA	No	---	---	---	---	---	10,625
810B: GALVA SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	GALVA	No	---	---	---	---	---	6,770

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810B2: GALVA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	GALVA	No	---	---	---	---	---	2,685
812: MOODY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MOODY	No	---	---	---	---	---	980
812B: MOODY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	MOODY	No	---	---	---	---	---	510
812B2: MOODY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	MOODY	No	---	---	---	---	---	485
878B: OCHEYEDAN LOAM, 2 TO 5 PERCENT SLOPES	OCHEYEDAN	No	---	---	---	---	---	306
	CALCAREOUS	No	---	---	---	---	---	17
	DICKMAN	No	---	---	---	---	---	17
878B2: OCHEYEDAN LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	OCHEYEDAN	No	---	---	---	---	---	248
	CALCAREOUS	No	---	---	---	---	---	14
	DICKMAN	No	---	---	---	---	---	14
878C2: OCHEYEDAN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	OCHEYEDAN	No	---	---	---	---	---	832
	CALCAREOUS	No	---	---	---	---	---	46
	DICKMAN	No	---	---	---	---	---	46
5010: PITS, SAND AND GRAVEL	PITS	Unranked	---	---	---	---	---	990
5040: ORTHENTS, LOAMY	ORTHENTS	Unranked	---	---	---	---	---	810
5044: FLUVAQUENTS, 0 TO 2 PERCENT SLOPES	FLUVAQUENTS	Yes	flood plain	4,3,2B3	YES	YES	YES	3,325
	OTHER	Yes	oxbow	2B3,3	YES	NO	YES	175
W: WATER	WATER	Unranked	---	---	---	---	---	1,325